

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

031147 U.S. PTO
10/674412

100103

REQUEST FOR CONTINUATION APPLICATION
UNDER 37 C.F.R. 1.53 (b)

Sir:

2. The Filing Fee is calculated below:

Basic Fee							\$ 770.00
Total Claims	8	-	20	=	0	x 18	= \$.00
Independent Claims	5	-	3	=	2	x 86	= \$ 172.00
Total Filing Fee							\$ 942.00

3. A Credit Card Payment Form in the amount of \$942.00 is enclosed to cover the Filing Fee.

4. Cancel claims 1-10 before calculating the Filing Fee. A Preliminary Amendment is submitted herewith.

5. The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment, to Deposit Account No. 50-1417. A duplicate copy of this Request is enclosed for this purpose.

6. Amend the specification by inserting, before the first line:

This is a continuation application of U.S. Serial No. 09/939,601, filed August 28, 2001.

7. New drawings are enclosed, eighteen (18) sheets, Figs. 1-20.

8. The power of attorney is set forth in the Declaration in the prior application or an associate power of attorney is hereby granted to:

Jeffrey M. Ketchum, Registration No. 31,174
Shrinath Malur, Registration No. 34,663
John R. Mattingly, Registration No. 30,293
Daniel J. Stanger, Registration No. 32,846
Gene W. Stockman, Registration No. 21,021.

There is a change in the correspondence address.

Address all future correspondence to:

MATTINGLY, STANGER & MALUR, P.C.
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Alexandria, Virginia 22314
(703) 684-1120

Please associate this application with Customer No. 24956.

9. The prior application is assigned to Hitachi,
Limited.

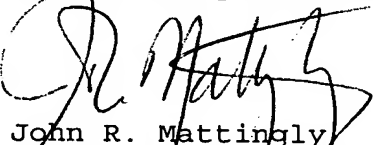
10. Priority of the following Japanese patent
application is claimed under 35 U.S.C. § 119:

No. 2001-022923, filed January 31, 2001.

The certified priority document has been filed in the parent
application.

The undersigned hereby declares that no matter contained
in the specification, including the claims, and drawings filed
in the present continuation application would have been new
matter in the prior application Serial No. 09/939,601, as
originally filed on August 28, 2001.

Respectfully submitted,



John R. Mattingly
Registration No. 30,293
Attorney of Record

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Date: October 1, 2003